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ASSISTANT COMMISSIONER FOR PATENTS  
BOX PATENT APPLICATION  
Washington, D.C. 20231

Attorney Docket No. 18547-043220US

"Express Mail" Label No. EM530421399US

Date of Deposit: September 1, 2000

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:  
Transmitted herewith for filing under 37 CFR 1.53(b) is the  
☐ patent application of  
☒ continuation patent application of  
☐ divisional patent application of  
☐ continuation-in-part patent application of

Inventor(s)/Applicant Identifier: Michael C. Pirrung, Lubert Stryer, Stephen P.A. Fodor and J. Leighton Read

For: ARRAYS AND PHOTOLITHOGRAPHIC MEANS FOR THEIR MANUFACTURE (AS AMENDED)

- ☒ This application claims priority from each of the following Application Nos./filing dates:  
09/557,875, filed April 24, 2000; 09/056,927, filed April 8, 1998; 08/670,118, filed June 25, 1996; 08/168,904, filed December 15, 1993; 07/624,114, filed December 6, 1990; 07/362,901, filed June 7, 1989; 08/348,471, filed November 30, 1994; 07/805,727, filed December 6, 1991 and 07/492,462, filed March 7, 1990  
the disclosure(s) of which is (are) incorporated by reference.
- ☒ Please amend this application by deleting the first paragraph and substitute therefor: --The present application is a continuation of 09/557,875, filed April 24, 2000, which is a continuation of 09/056,927 filed April 8, 1998, which is a continuation of 08/670,118 filed June 25, 1996, now U.S. Patent No. 5,800,992, which is a divisional of 08/168,904 filed December 15, 1993, which is a continuation of 07/624,114, filed December 6, 1990. The present application is also a continuation-in-part of USSN 07/362,901, filed June 7, 1989. This application is also a continuation-in-part of USSN 08/348,471 filed November 30, 1994, which is a continuation of USSN 07/805,727 filed December 6, 1991 (now U.S. Patent No. 5,424,186), which is a continuation-in-part of USSN 07/492,462, filed March 7, 1990 (now U.S. Patent No. 5,443,854). Additional commonly assigned applications Barrett et al., U.S.S.N. 07/435,316 (caged biotin parent), filed November 13, 1989; and Barrett et al. U.S.S.N. 07/612,671 (caged biotin CIP) filed November 13, 1990 are also incorporated herein by reference. Additional applications Pirrung et al., U.S.S.N. 07/624,120 (now abandoned) a divisional of which has issued as US 5,744,101 and Dower et al., U.S.S.N. 07/626,730 (now US 5,547,839), which are also commonly assigned are also hereby incorporated herein by reference.--

Enclosed are:

- ☒ 203 page(s) of specification  
☒ 28 page(s) of claims  
☒ 1 page of Abstract  
☒ 27 sheet(s) of ☐ formal ☒ informal drawing(s).  
☒ A ☒ signed ☐ unsigned Declaration & Power of Attorney  
☒ Title Page  
☒ Preliminary Amendment  
☒ Return postcard

	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	41 - 20	= *21
INDEP. CLAIMS	5 - 3	= *2
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

\* If the difference in Col. 1 is less than 0, enter "0" in Col. 2.

SMALL ENTITY	
RATE	FEE
	\$345.00
x \$9.00 =	
x \$39.00 =	
+ \$130.00 =	
TOTAL	

OTHER THAN SMALL ENTITY	
RATE	FEE
	\$690.00
x \$18.00 =	\$378.00
x \$78.00 =	\$156.00
+ \$260.00 =	
TOTAL	\$1,224.00

Please charge Deposit Account 0-1430 as follows:

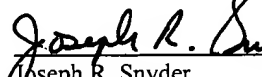
- ☒ Filing fee \$ 224.00  
☒ Any additional fees associated with this paper or during the pendency of this application.  
☐ The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b)

- ☐ A check for \$ \_\_\_\_\_ is enclosed.  
2 extra copies of this sheet are enclosed.

Respectfully submitted,  
TOWNSEND and TOWNSEND and CREW LLP

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Date of Deposit September 1, 2000

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Assistant Commissioner for Patents  
Washington, D.C. 20231

# 3 R 11-1-co  
**PATENT**  
Attorney Docket No.: 018547-043220US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Michael C. Pirrung *et al.*

Application No.: Not yet Assigned

Filed: Herewith

For: ARRAYS AND  
PHOTOLITHOGRAPHIC MEANS FOR  
THEIR MANUFACTURE (AS  
AMENDED)

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application and calculation of the filing fee, please enter the following amendments and remarks.

IN THE TITLE:

Please delete the current title and substitute therefor:

-- ARRAYS AND PHOTOLITHOGRAPHIC MEANS FOR THEIR  
MANUFACTURE --

IN THE CLAIMS:

Please cancel claims 1-171 without prejudice.

Please add the following new claims 172-212:

--172. (New) A substrate with a surface comprising a plurality of polypeptides with different, known sequences bound to the surface in discrete known